



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. 238-47	SERIAL NO. 09/982,943
	APPLICANT Joseph L. Merenda	CONFIRMATION NO. 8245
	FILING DATE October 18, 2001	GROUP 2681

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GN	4,747,160	05/24/88	Bossard	455	60	
J	6,229,395	05/08/01	Kay	830	252	

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

GN		J.L. Meranda, D. Neuf, and P. Piro, "4 to 40 GHz Even Harmonic Schottky Mixer", <u>IEEE MTT-S Digest</u> , pp. 695-698 (1988).
		Technical Data Sheet (HSCH-9301 & HSCH-9351), "GaAs Beam Lead Schottky Barrier Ring and Bridge Diodes", <u>Arilent Technologies</u> (1999).
		Technical Data Sheet (HMC259), "GaAs MMIC Sub-Harmonically Pumped Mixer 28-40 GHz", <u>Hittite Microwave Corporation</u> , pp. 4-112 - 4-117 (February 2001).
		Technical Data Sheet (HMC330), GaAs MMIC Sub-Harmonically Pumped Mixer 25-40 GHz", <u>Hittite Microwave Corporation</u> , pp. 4-204 - 4-209 (February 2001).
		M. Cohn, J.E. Degenford, and B.A. Newman, "Harmonic Mixing with an Anti-Parallel Diode Pair", <u>IEEE S-MITT International Microwave Symposium Digest</u> , pp. 171-172 (June 1974).

EXAMINER

Simon Nguyen

DATE CONSIDERED

10/26/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.



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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Joseph L. Merenda

CONFIRMATION NO.  
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(Use several sheets if necessary)

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GROUP  
2681

SPN

M.V. Schneider and W.W. Snell, Jr., "Harmonically Pumped Stripline Down-Converter", IEEE Transactions on Microwave Theory and Techniques, Vol. MTT-23, No. 3, pp. 271-275 (March 1975).

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D. Neuf, "Even Harmonic Mixers Offer Unique Features for Millimeter Bands, Microwave System News, pp. 103-119 (1982).

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Samson Ojengren

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	APPLICANT Joseph L. Merenda	CONFIRMATION NO. Unassigned
	FILING DATE Herewith	GROUP Unassigned

1046 U.S. PTO  
09/982943  
10/18/01

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
SPN	6,141,557	10/31/00	Dipiazza	455	446	
	5,995,819	11/30/99	Yamaji, et al.	455	326	
	5,875,396	02/23/99	Stockton, et al.	455	562	
	5,844,939	12/01/98	Scherer, et al.	455	76	
	5,787,126	07/28/98	Itoh, et al.	375	340	
	5,771,449	06/23/98	Blasing, et al.	455	1	
	5,553,319	09/03/96	Tanbakuchi	455	326	
	5,465,517	11/07/95	Tanbakuchi	42	70-06	
	5,416,449	05/16/95	Joshi	455	109	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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EXAMINER

Simon Nguyen

DATE CONSIDERED

10/26/01

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